

Patent

NASA Case No. NPO-30807-1-CU

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
Gregory Bearman, et al.)	Examiner: Unknown
)	
Entitled: RING-INTERFEROMETRIC SOL-GEL)	Group Art Unit: Unknown
BIO-SENSOR)	
)	
Serial No.: To be assigned)	
)	
Filing Date: Herewith)	

INFORMATION DISCLOSURE STATEMENT

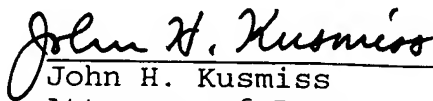
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant hereby cites patent and/or publications for consideration by the Patent and Trademark Office in regard to the claimed invention on the attached form. By this notice the applicant requests that the Patent and Trademark Office make of record the documents listed. No representation is made that more pertinent material is not available or should not be considered by the Examiner. It is expected that the Patent and Trademark Office will independently conduct a complete search of appropriate art. Furthermore, no admission is being made that these documents are prior art, and applicant reserves the right to challenge any such consideration.

Respectfully submitted,

Dated 12/09/03


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 1 of 1	Application Number:	To be assigned
	Filing Date:	Herewith
	First Named Inventor:	Gregory BEARMAN, et al.
	Group Art Unit:	Unknown
	Examiner Name:	Unknown
Attorney Docket Number:		NPO-30807-1-CU

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
	US-5,663,790	09-02-1997	EKSTROM ET AL.	356	128	10-27-94

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	
	LUKOSZ W., et al., "Integrated optical chemical and direct biochemical sensors", <i>Sensors and Actuators</i> , Vol. B, No. 29, 1995, pp. 37-50, Elsevier Science, South America.
	SCHULT, KARSTEN, et al., "Disposable Optical Sensor Chip for Medical Diagnostics: New Ways in Bioanalysis", <i>Analytical Chemistry</i> , Vol. 71, No. 23, December 1, 1999, pp. 5430-5435, American Chemical Society, USA.
	WEISSER, M., et al., "Specific bio-recognition reactions observed with an integrated Mach-Zehnder interferometer", <i>Biosensors & Bioelectronics</i> , Vol. 14, 1999, pp. 405-411, Elsevier Science, South America.
	YAMANAKA, STACEY A., et al., "Enzymatic Activity of Glucose Oxidase Encapsulated in Transparent Glass by the Sol-Gel Method", <i>Chem. Mater.</i> , Vol. 4, No. 3, 1992, pp. 495-497, American Chemical Society, USA.
	HUNSPERGER, ROBERT G., "Integrated Optics: Theory and Technology", 1991, pp. 110-113, Springer-Verlag, New York.

Examiner's Signature:	Date Considered:
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.